

Francesco Piacenza

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,826
citations

257357

24
h-index

289141

40
g-index

69
all docs

69
docs citations

69
times ranked

2787
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced levels of plasma selenium are associated with increased inflammation and cardiovascular disease in an Italian elderly population. <i>Experimental Gerontology</i> , 2021, 145, 111219.	1.2	17
2	Antimetastatic and Antitumor Activities of Orally Administered NAX014 Compound in a Murine Model of HER2-Positive Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2653.	1.8	6
3	Age, Sex, and BMI Influence on Copper, Zinc, and Their Major Serum Carrier Proteins in a Large European Population Including Nonagenarian Offspring From MARK-AGE Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2097-2106.	1.7	12
4	Prevalence and Loads of Torquetenovirus in the European MARK-AGE Study Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1838-1845.	1.7	13
5	Association of HERV-K and LINE-1 hypomethylation with reduced disease-free survival in melanoma patients. <i>Epigenomics</i> , 2020, 12, 1689-1706.	1.0	11
6	Inverted scanning microwave microscope for <i>in vitro</i> imaging and characterization of biological cells. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	20
7	Is cellular senescence involved in cystic fibrosis?. <i>Respiratory Research</i> , 2019, 20, 32.	1.4	23
8	Nutritional Factors Modulating Alu Methylation in an Italian Sample from The Mark-Age Study Including Offspring of Healthy Nonagenarians. <i>Nutrients</i> , 2019, 11, 2986.	1.7	5
9	Antioxidants linked with physical, cognitive and psychological frailty: Analysis of candidate biomarkers and markers derived from the MARK-AGE study. <i>Mechanisms of Ageing and Development</i> , 2019, 177, 135-143.	2.2	29
10	Measuring zinc in biological nanovesicles by multiple analytical approaches. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 58-66.	1.5	5
11	Zinc-Induced Metallothionein in Centenarian Offspring From a Large European Population: The MARK-AGE Project. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 745-753.	1.7	13
12	Anti-inflammatory Activity of Tocotrienols in Age-related Pathologies: A SASPected Involvement of Cellular Senescence. <i>Biological Procedures Online</i> , 2018, 20, 22.	1.4	14
13	Antitumor activity of NAX060: A novel semisynthetic berberine derivative in breast cancer cells. <i>BioFactors</i> , 2018, 44, 443-452.	2.6	13
14	Torquetenovirus (TTV) load is associated with mortality in Italian elderly subjects. <i>Experimental Gerontology</i> , 2018, 112, 103-111.	1.2	25
15	Imaging of sub-cellular structures and organelles by an STM-assisted Scanning Microwave Microscope at mm-Waves. , 2018, , .		5
16	Inducers of Senescence, Toxic Compounds, and Senolytics: The Multiple Faces of Nrf2-Activating Phytochemicals in Cancer Adjuvant Therapy. <i>Mediators of Inflammation</i> , 2018, 2018, 1-32.	1.4	49
17	Extracellular Guanosine 5'-Triphosphate Induces Human Muscle Satellite Cells to Release Exosomes Stuffed With Guanosine. <i>Frontiers in Pharmacology</i> , 2018, 9, 152.	1.6	21
18	Zinc supplementation can reduce accumulation of cadmium in aged metallothionein transgenic mice. <i>Chemosphere</i> , 2018, 211, 855-860.	4.2	16

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19	ZnT8 Arg325Trp polymorphism influences zinc transporter expression and cytokine production in PBMCs from patients with diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 144, 102-110.	1.1	11
20	Precision and accuracy of the new XPrecia Stride mobile coagulometer. <i>Thrombosis Research</i> , 2017, 156, 51-53.	0.8	6
21	Different transcriptional profiling between senescent and non-senescent human coronary artery endothelial cells (HCAECs) by Omeprazole and Lansoprazole treatment. <i>Biogerontology</i> , 2017, 18, 217-236.	2.0	16
22	Changes in Zn homeostasis during long term culture of primary endothelial cells and effects of Zn on endothelial cell senescence. <i>Experimental Gerontology</i> , 2017, 99, 35-45.	1.2	28
23	Zinc, Insulin and IGF-I Interplay in Aging. <i>Healthy Ageing and Longevity</i> , 2017, , 57-90.	0.2	2
24	Implications of impaired zinc homeostasis in diabetic cardiomyopathy and nephropathy. <i>BioFactors</i> , 2017, 43, 770-784.	2.6	13
25	Main biomarkers associated with age-related plasma zinc decrease and copper/zinc ratio in healthy elderly from ZincAge study. <i>European Journal of Nutrition</i> , 2017, 56, 2457-2466.	1.8	48
26	Gene Expression, Oxidative Stress, and Senescence of Primary Coronary Endothelial Cells Exposed to Postprandial Serum of Healthy Adult and Elderly Volunteers after Oven-Cooked Meat Meals. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12.	1.4	1
27	Imaging of exosomes by broadband scanning microwave microscopy. , 2016, , .		7
28	Investigation of Fullerene Exposure of Breast Cancer Cells by Time-Gated Scanning Microwave Microscopy. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016, 64, 4823-4831.	2.9	21
29	Nutritional Modulators of Cellular Senescence In Vitro. , 2016, , 293-312.		3
30	Broadband near-field scanning microwave microscopy investigation of fullerene exposure of breast cancer cells. , 2016, , .		4
31	Circadian rhythms of body temperature and locomotor activity in aging BALB/c mice: early and late life span predictors. <i>Biogerontology</i> , 2016, 17, 703-714.	2.0	13
32	Metallothioneins, longevity and cancer: Comment on "Deficiency of metallothionein-1 and -2 genes shortens the lifespan of the 129/Sv mouse strain". <i>Experimental Gerontology</i> , 2016, 73, 28-30.	1.2	11
33	Pleiotropic Effects of Tocotrienols and Quercetin on Cellular Senescence: Introducing the Perspective of Senolytic Effects of Phytochemicals. <i>Current Drug Targets</i> , 2016, 17, 447-459.	1.0	46
34	Effect of ZIP2 Gln/Arg/Leu (rs2234632) polymorphism on zinc homeostasis and inflammatory response following zinc supplementation. <i>BioFactors</i> , 2015, 41, 414-423.	2.6	19
35	Serum copper to zinc ratio: Relationship with aging and health status. <i>Mechanisms of Ageing and Development</i> , 2015, 151, 93-100.	2.2	159
36	Effect of 6-month caloric restriction on Cu bound to ceruloplasmin in adult overweight subjects. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 876-882.	1.9	3

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37	Micronutrient-gene interactions related to inflammatory/immune response and antioxidant activity in ageing and inflammation. A systematic review. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 29-49.	2.2	58
38	Vitamin E-gene interactions in aging and inflammatory age-related diseases: Implications for treatment. A systematic review. <i>Ageing Research Reviews</i> , 2014, 14, 81-101.	5.0	110
39	Influence of +1245 A/G MT1A polymorphism on advanced glycation end-products (AGEs) in elderly: effect of zinc supplementation. <i>Genes and Nutrition</i> , 2014, 9, 426.	1.2	16
40	Association among 1267 A/G HSP70-2, 308 G/A TNF polymorphisms and pro-inflammatory plasma mediators in old ZincAge population. <i>Biogerontology</i> , 2014, 15, 65-79.	2.0	15
41	Effects of zinc-fortified drinking skim milk (as functional food) on cytokine release and thymic hormone activity in very old persons: a pilot study. <i>Age</i> , 2014, 36, 9656.	3.0	14
42	Modulators of cellular senescence: mechanisms, promises, and challenges from in vitro studies with dietary bioactive compounds. <i>Nutrition Research</i> , 2014, 34, 1017-1035.	1.3	31
43	Metallothioneins, Ageing and Cellular Senescence: A Future Therapeutic Target. <i>Current Pharmaceutical Design</i> , 2013, 19, 1753-1764.	0.9	2
44	Peripheral Mononuclear Cell Rejuvenation for Senescence Surveillance in Alzheimer Disease. <i>Current Pharmaceutical Design</i> , 2013, 19, 1720-1726.	0.9	10
45	Is there a Possible Single Mediator in Modulating Neuroendocrine-thymus Interaction in Ageing?. <i>Current Aging Science</i> , 2013, 6, 99-107.	0.4	10
46	Metallothioneins, Ageing and Cellular Senescence: A Future Therapeutic Target. <i>Current Pharmaceutical Design</i> , 2013, 19, 1753-1764.	0.9	25
47	Peripheral Mononuclear Cell Rejuvenation for Senescence Surveillance in Alzheimer Disease. <i>Current Pharmaceutical Design</i> , 2013, 19, 1720-1726.	0.9	0
48	Peripheral mononuclear cell rejuvenation for senescence surveillance in Alzheimer disease. <i>Current Pharmaceutical Design</i> , 2013, 19, 1720-6.	0.9	8
49	Metallothioneins, ageing and cellular senescence: a future therapeutic target. <i>Current Pharmaceutical Design</i> , 2013, 19, 1753-64.	0.9	24
50	Survival Study of Metallothionein-1 Transgenic Mice and Respective Controls (C57BL/6J): Influence of a Zinc-Enriched Environment. <i>Rejuvenation Research</i> , 2012, 15, 140-143.	0.9	24
51	Micronutrient (Zn, Cu, Fe)-gene interactions in ageing and inflammatory age-related diseases: Implications for treatments. <i>Ageing Research Reviews</i> , 2012, 11, 297-319.	5.0	68
52	Cu to Zn ratio, physical function, disability, and mortality risk in older elderly (iSIRENTE study). <i>Age</i> , 2012, 34, 539-552.	3.0	47
53	Speciation of trace elements in human serum by micro anion exchange chromatography coupled with inductively coupled plasma mass spectrometry. <i>Analytical Biochemistry</i> , 2012, 421, 16-25.	1.1	25
54	Zinc, metallothioneins and immunosenescence: effect of zinc supply as nutrigenomic approach. <i>Biogerontology</i> , 2011, 12, 455-465.	2.0	46

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55	Zinc, metallothioneins and immunosenescence. Proceedings of the Nutrition Society, 2010, 69, 290-299.	0.4	33
56	Association of MT1A haplotype with cardiovascular disease and antioxidant enzyme defense in elderly Greek population: comparison with an Italian cohort. Journal of Nutritional Biochemistry, 2010, 21, 1008-1014.	1.9	21
57	Plasma copper/zinc ratio: an inflammatory/nutritional biomarker as predictor of all-cause mortality in elderly population. Biogerontology, 2010, 11, 309-319.	2.0	145
58	Diet (zinc) gene interaction related to inflammatory/immune response in ageing: possible link with frailty syndrome?. Biogerontology, 2010, 11, 589-595.	2.0	15
59	Distinctive modulation of inflammatory and metabolic parameters in relation to zinc nutritional status in adult overweight/obese subjects. Journal of Nutritional Biochemistry, 2010, 21, 432-437.	1.9	73
60	Noninvasive Neonatal Thymus Graft into the Axillary Cavity Extends the Lifespan of Old Mice. Rejuvenation Research, 2010, 13, 288-291.	0.9	3
61	Accumulation of Cells With Short Telomeres Is Associated With Impaired Zinc Homeostasis and Inflammation in Old Hypertensive Participants. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 745-751.	1.7	28
62	l-Arginine normalizes NOS activity and zinc-MT homeostasis in the kidney of mice chronically exposed to inorganic mercury. Toxicology Letters, 2009, 189, 200-205.	0.4	6
63	In Vivo Effect of α -Bisabolol, a Nontoxic Sesquiterpene Alcohol, on the Induction of Spontaneous Mammary Tumors in HER-2/neu Transgenic Mice. Oncology Research, 2009, 18, 409-418.	0.6	25
64	Zinc deficiency and IL-6 δ 174G/C polymorphism in old people from different European countries: Effect of zinc supplementation. ZINCAGE study. Experimental Gerontology, 2008, 43, 433-444.	1.2	63
65	+647 A/C and +1245 MT1A polymorphisms in the susceptibility of diabetes mellitus and cardiovascular complications. Molecular Genetics and Metabolism, 2008, 94, 98-104.	0.5	74
66	Metallothionein Downregulation in Very Old Age: A Phenomenon Associated with Cellular Senescence?. Rejuvenation Research, 2008, 11, 455-459.	0.9	29
67	Zinc, Metallothioneins and Longevity: Interrelationships with Niacin and Selenium. Current Pharmaceutical Design, 2008, 14, 2719-2732.	0.9	53
68	Combining UHR-SEC-HPLC-ICP-MS with flow cytometry to quantify metallothioneins and to study zinc homeostasis in human PBMC. Journal of Analytical Atomic Spectrometry, 2007, 22, 1193.	1.6	17